

**WEST****End of Result Set** **Generate Collection**

L8: Entry 8 of 8

File: USPT

Nov 20, 1984

US-PAT-NO: 4483851

DOCUMENT-IDENTIFIER: US 4483851 A

TITLE: Treatment for contagious equine metritis

DATE-ISSUED: November 20, 1984

INT-CL: [3] A61K 31/70

US-CL-ISSUED: 424/180

US-CL-CURRENT: 514/23; 514/931

FIELD-OF-SEARCH: 424/180

Production and characterization of monoclonal antibodies against  
*Taylorella equigenitalis*.

Gradinaru DA; Helmer JM; Klein F

Laboratoire veterinaire departemental de l'Orne, Alencon, France.

Congen61@worldnet.fr

Veterinary research (FRANCE) 1997, 28 (1) p65-76, ISSN 0928-4249

Journal Code: BRO

Languages: ENGLISH

Document type: JOURNAL ARTICLE

JOURNAL ANNOUNCEMENT: 9708

Subfile: INDEX MEDICUS

Monoclonal antibodies were produced against *Taylorella equigenitalis* using two reference strains. Out of the 79 hybridoma clones shown to express antibodies to *T equigenitalis* by indirect immunofluorescence assay, 16 were selected for monoclonal antibody production and characterization. These clones recognized different field strains of *T equigenitalis* isolated in France. They showed no cross-reaction with bacterial strains with previously reported antigenic cross-reactivity, nor did they react with other bacteria commonly found in genital flora. The epitopes recognized by eight of the monoclonal antibodies were situated in proteins of 150, 120, 52.7 and 22 kDa. These epitopes were resistant to the extraction denaturing conditions. These monoclonal antibodies could be used as reagents for specific detection of *T equigenitalis*.

MEANS FOR DETECTING BACTERIA OF THE TAYLORELLA EQUIGENITALIS SPECIES AND  
THEIR BIOLOGICAL APPLICATIONS

MOYENS POUR LA DETECTION DE BACTERIES DE L'ESPECE TAYLORELLA  
EQUIGENITALIS ET APPLICATIONS BIOLOGIQUES

Patent Applicant/Assignee:

CONSEIL GENERAL DE L'ORNE, CONSEIL GENERAL DE L'ORNE , Hotel du  
Departement, 39, rue Saint-Blaise, Boite postale 528, 61017  
Alencon Cedex , FR

Inventor(s):

KLEIN Frederic, KLEIN, Frederic , 7-9, avenue du Basingstoke,  
F-61000 Alencon , FR

GRADINARU Dragos, GRADINARU, Dragos , 21, rue l'Abbe-Letacq,  
F-61000 Alencon , FR

Patent and Priority Information (Country, Number, Date):

Patent: WO 9739034 A1 19971023

Application: WO 97FR649 19970411 (PCT/WO FR9700649)

Priority Application: FR 964623 19960412

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH  
KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: French

Filing Language: French

Fulltext Word Count: 7863

Monoclonal antibodies, immunogens and anti-antibodies specific for  
Taylorella equigenitalis - for diagnosis, treatment and prevention of  
contagious equine metriosis

Patent Assignee: (CONS-) CONSEIL GEN L'ORNE

Author (Inventor): KLEIN F; GRADINARU D

Patent (basic)

Patent No	Kind Date	Examiner	Field of Search
WO 9739034	A1 971023 (BASIC)		
Derwent Week (Basic): 9748			
Priority Data: FR 964623 (960412)			
Applications: FR 964623 (960412); AU 9726416 (970411); WO 97FR649 (970411)			

Designated States

(National): AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ;  
DE; DK; EE; ES; FI; GB; GE; GH; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC  
; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO;  
RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU  
(Regional): AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GH; GR; IE; IT; KE;  
LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG

Derwent Class: B04; C06; D16; S03

Int Pat Class: A61K-039/395; A61K-048/00; C07K-014/195; C07K-014/285;  
C07K-016/12; C07K-016/42; C12N-005/06; C12N-005/18; G01N-033/569

Number of Patents: 003

Number of Countries: 076

Number of Cited Patents: 001

Number of Cited Literature References: 003

Number of Citing Patents: 000

?sf allscience

You have 285 files in your file list.

(To see banners, use SHOW FILES command)

?s taylore? and (moab or mab or monoclonal? or hybridom? or chimeric?)

Your SELECT statement is:

s taylore? and (moab or mab or monoclonal? or hybridom? or chimeric?)

Items File

-----

1 5: Biosis Previews(R) 1969-2001/Jan W4  
2 34: SciSearch(R) Cited Ref Sci 1990-2001/Jan W3  
1 50: CAB Abstracts 1972-2001/Dec  
1 76: Life Sciences Collection 1982-2001/Nov

Examined 50 files

1 94: JICST-EPlus 1985-2001/Jan W2  
1 144: Pascal 1973-2001/Jan W3  
1 155: MEDLINE(R) 1966-2000/Dec W4

Examined 100 files

1 203: AGRIS 1974-2001/Sep

Examined 150 files

1 342: Derwent Patents Citation Indx 1978-00/200064  
1 348: EUROPEAN PATENTS 1978-2000/Jan W02  
4 349: PCT Fulltext 1983-2001/UB=20010118, UT=20010104  
1. 357: Derwent Biotechnology Abs 1982-2001/Jan B1  
1 371: French Patents 1961-2000/BOP 0052  
2 399: CA SEARCH(R) 1967-2001/UD=13404  
10 440: Current Contents Search(R) 1990-2001/Jan W4

Examined 200 files

Updated  
8/01

VBF

**WEST** **Generate Collection**

L8: Entry 7 of 8

File: USPT

Jul 16, 1996

US-PAT-NO: 5536638

DOCUMENT-IDENTIFIER: US 5536638 A

TITLE: Hybridization probes derived from the spacer region between the 16S and 23S rRNA genes for the detection of *Neisseria gonorrhoeae*

DATE-ISSUED: July 16, 1996

INT-CL: [6] C12Q 1/68, C12P 19/34, C07H 21/04

US-CL-ISSUED: 435/6; 435/91.2, 536/24.32, 536/24.33, 935/77, 935/78, 935/8

US-CL-CURRENT: 435/6; 435/91.2, 536/24.32, 536/24.33

FIELD-OF-SEARCH: 435/6, 435/91.2, 536/24.32, 536/24.33, 935/8, 935/17, 935/77, 935/78